

WHAT IS CLAIMED IS:

1. A traveling apparatus of a crawler vehicle having a main frame, each of right and left sides of the main frame comprising:

a tack frame;

an idler;

a sprocket to which a rotation power is transmitted from a side of the main frame;

the track frame, the idler and the sprocket being arranged approximately linearly;

a track roller rotatably provided in a lower portion of the tack frame; and

a crawler belt wound around the idler, the track roller and the sprocket,

wherein pivot shafts are respectively mounted to right and left sides of a rear end portion of said main frame, said right and left track frames are mounted to the pivot shafts so as to swing in a vertical direction, a rear frame having a horizontal shaft apparatus for supplying a power to said right and left sprockets arranged therein is suspended to a rear portion of said main frame so as to freely swing in the vertical direction, final reduction gears including sprockets are respectively attached to right and left outer sides of the rear frame, and an output shaft of said horizontal shaft apparatus is connected to an input shaft of the final reduction gear.

2. A traveling apparatus of a crawler vehicle as claimed in claim 1, wherein each of said right and left pivot shafts is constituted by a swing shaft portion mounting said track frame so as to freely swing vertically, and a swing shaft portion mounting said rear frame so as to freely swing vertically, and these swing shaft portions are integrally formed.

3. A traveling apparatus of a crawler vehicle as claimed in claim 2, wherein an axis of the swing shaft portion of said rear frame is eccentric with respect to an axis of the swing shaft portion of said track frame.